



Work to go *CSLM-2*

- SPU Set # 2 Functional test
- Submit ICD updates to MSG
- Perform usability Test at MSFC
- Crew Training – Nominal operations – Increment 17, 18
- SPU Set # 2 Science Run Test
- Payload Phase III PSRP at JSC
- Technical Pre-Ship Review
- Hardware Handover at KSC as Late Stowage (L-20 days)
- Launch on shuttle flight 15A (7/10/08)



Integration Work

CSLM-2

- CSLM-2 MSG Integration Planned Work
 - Update MSFC-ICD-3153, CSLM-2 Interface Control Document
 - Remove G-Limit interface requirements
 - Update science sample pre and post processing requirements
 - Update hardware list and stowage requirements (remove MELFI requirements)
 - Provide Payload Planning Inputs (continuing)
 - Perform crew training
 - Review updates to MSFC-RQMT-2888, MSG IIRD
 - Conduct CSLM-2 software compatibility test with the MSG Laptop



Glenn Research Center

Issues and Concerns

CSLM-2

Issue	Potential Impact	Action Plan	Resolution Date
SPU late stowage requirement	Limits the launch options	Target flight15A	June 07



Launch Accommodations

CSLM-2

- 15A Shuttle Launch scheduled for July 2008
- CSLM-2 is now looking at flight 15A for launch of up to 5 SPU's.
- Upmass per SPU 6.5 kg each
- Crew time total = 9.7 hours
- On-orbit stowage, no unique temperature requirements
- CSLM-2 ECU already on orbit
- PI has selected/prioritized the order of the 5 SPU's
 - 1) S/N 12 48 hours
 - 2) S/N 3 1.6 hours
 - 3) S/N 11 34 hours
 - 4) S/N 4 4 hours
 - 5) S/N 6 10 hours
- CSLM-2 SPU's option for Progress flight
- CSLM-2 would have to re-qualify to the Progress requirements
- SPU late stowage constraints (load SPU's at L-2 days)